

## **Coversheet for Sample Unit**

### NABat Stationary Point Acoustic Monitoring

Refuge \_\_\_\_\_ Sample Unit \_\_\_\_\_ Surveyor \_\_\_\_\_  
Country \_\_\_\_\_ State/Province \_\_\_\_\_ County (if applicable) \_\_\_\_\_  
Date Deployed \_\_\_\_\_ Date Retrieved \_\_\_\_\_  
Sunset Day 1 \_\_\_\_\_ Sunrise Day 4 \_\_\_\_\_ Number of detectors deployed \_\_\_\_\_  
Photos submitted? \_\_\_\_\_ Mobile Transect Conducted (Y/N) \_\_\_\_\_

Variable	Point A	Point B	Point C	Point D
Point Name				
Latitude (hddd.dddd)				
Longitude(hddd.dddd)				
Bat detector manufacturer and model	Pettersson D500x	Pettersson D500x	Pettersson D500x	
Microphone type	Pettersson D500x	Pettersson D500x	Pettersson D500x	
Recording mode	Full Spectrum	Full Spectrum	Full Spectrum	
Trigger window length	n/a	n/a	n/a	
Maximum file length	5 second	5 second	5 second	
Weatherproofing type	None	None	None	
Calibration method	n/a	n/a	n/a	
Microphone height (m)				
General Description of deployment <sup>1</sup>				
Significant weather events <sup>2</sup>				
Night 1				
Night 2				
Night 3				
Night 4				

# NABat – Acoustic Point Deployment Form

## USFWS, Region 1

*(Tracking where each detector was placed, and where and when each bat file was collected is absolutely critical to this project. This form must be filled out completely for each deployment, and copy sent with the CF cards. Place all CF cards from a single deployment in a separate envelope with this form. Do not mix CF cards from different deployments)*

Refuge: \_\_\_\_\_ Surveyor: \_\_\_\_\_ Sample Unit: \_\_\_\_\_

Point ID (circle one): A B C D Point Name: \_\_\_\_\_

Date Deployed: \_\_\_\_\_ Date Retrieved: \_\_\_\_\_

FOR FIELD DEPLOYMENT			
<b>Metatdata about the Point</b>		<b>Metadata about the Detector</b>	
Latitude (ddmmss)		Detector ID	
Longitude (ddmmss)		Relative Timer ON	
*Dist to Clutter Class		Relative Timer OFF	
*Clutter category		CF Card – slot 1	
*Land Cover Class		CF Card – slot 2	
*Habitat Structure		CF Card – slot 3	
*Habitat Species		CF Card – slot 4	
*Feature Sampled		Input Gain <sup>1</sup>	
*Mic Height (m)		Trig Level <sup>2</sup>	
*Mic. Orientation			
FOR ANALYLIST			
File Prefix		Files on card	
Date recording started		Files Scrubbed	
Time recording started		Files Run	
Date recording stopped		SonoBat Version	
Time recording stopped		SonoBat Filter	
		Kaleidoscope Version	
		Kaleidoscope State	

\*See back of page for definitions

<sup>1</sup>INPUT GAIN on detector when set to record

<sup>2</sup>TRIG LEV on detector when set to record

Photographs taken?

Notes:

## DEFINITIONS

**Distance to clutter class:** <5m; 5m; 10m; 20m; 75m; 100m; >100m

**Clutter Category:** When looking through the clutter, estimate what proportion of the sky/landscape behind it is hidden, similar to estimating canopy cover of vegetation.

Use these broad categories: 0; 1-5%; 6-25%; 26-50%; 51-75%; 75-90%; >90%

**Land classes (based on NLCD):** Water; Residential; Bare Rock/Sand/Clay;  
Quarries/Gravel Pits; Deciduous Forest; Evergreen Forest; Mixed Forest; Shrubland;  
Non-natural Woody (orchards/Vineyards); Grasslands/Herbaceous; Herbaceous Agriculture;  
Woody Wetlands; Emergent Herbaceous Wetland

**Habitat Structure:** Tree/Shrub/Herb; Tree/Herb; Shrub/Herb; Herb; Other

**Habitat Species:** list the dominant species in each layer present above (eg. willow/cheatgrass)

**Feature Sampled:** Examples - Cattle water tank; pond; stream; marsh; wetland;  
forest road; forest trail; mature forest; wildlife opening; cliff; bridge; building;  
cave.

**Mic Orientation** (microphone is facing): North; South; East; West; Northeast; Northwest;  
Southeast; Southwest